FHWA REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD	SEE TITLE SHEET		

Construction Details

A. Splice loop detector to existing 2 conductor aluminum shielded cable.

B. Abandon existing loop detector.

C. Install handhole.

D. Install 1 in. liquid tight, flexible, non-metallic conduit for detector wire sleeve.

E. Install 6 ft. x 6 ft. loop detector (4 turns) encased in flexible tubing.

F. Remove/grind existing pavement marking.

G. Relocate existing ground mounted sign.

H. Install 24 in. white permanent preformed pavement marking tape.

J. Use existing handhole.

K. Abandon existing conduit.

L. Install 6 ft. x 30. ft. quadruple loop detector (3-6-3 turns) encased in flexible tubing.

M. Use existing conduit.

N. Install 2 in. PVC schedule 40 electrical conduit - trenched.

O. Remove existing ground mounted sign.

P. Install ground mounted sign.

Q. Relocate existing signal heads and sign as shown (Note: install electrical cables on span wire).

R. Relocate existing signal heads as shown.

S. Pavement markings to be removed by others.

T. Abandon existing handhole.

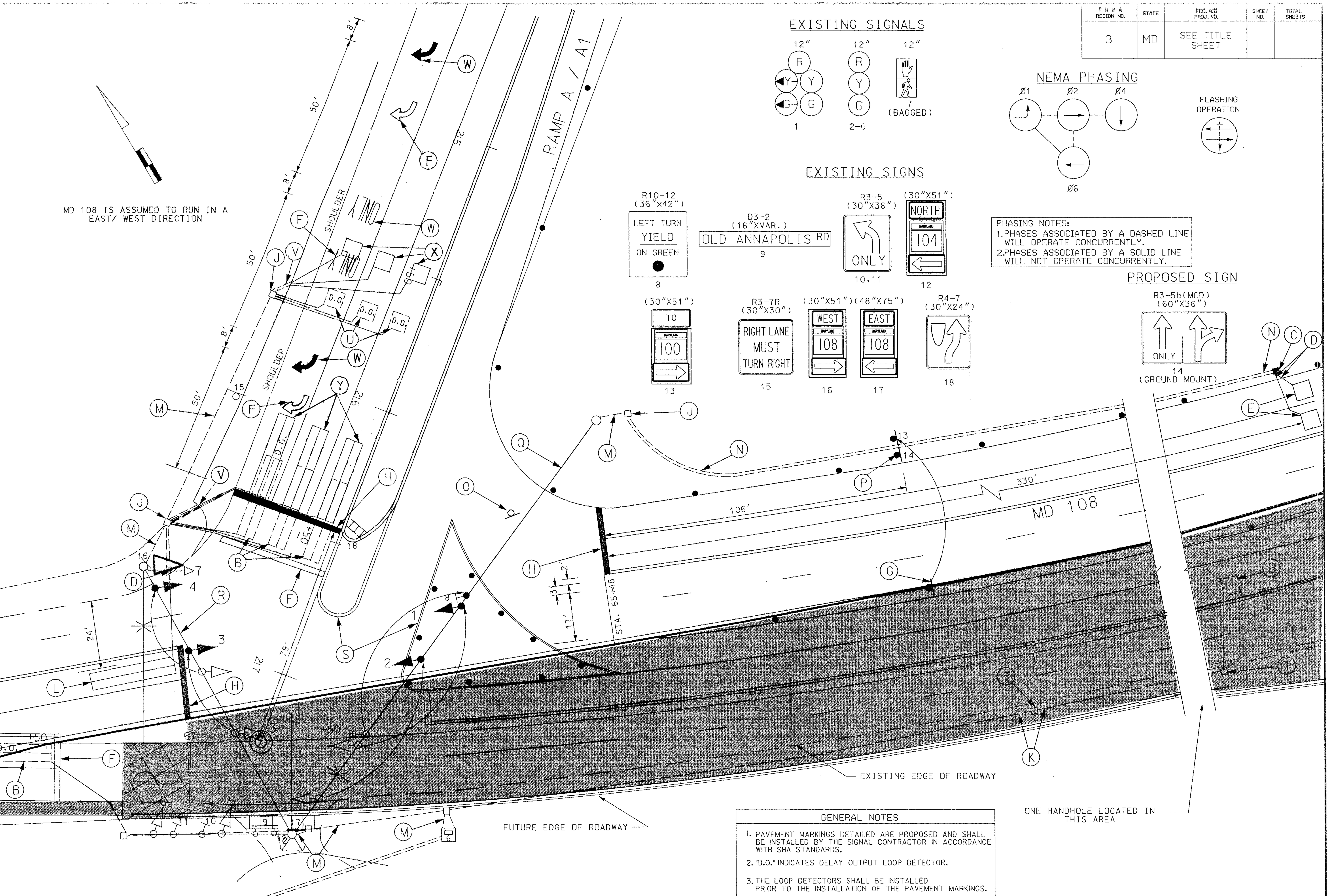
U. Disconnect existing loop detector (**Note: loop detectors shall be utilized for the ultimate signal**)

V. Install three 1 in. liquid tight flexible, non-metallic conduit for detector wire sleeves

W. Install permanent preformed pavement marking arrow or letter as shown..

X. Install 6 ft. x 6 ft. loop detector (4-turns) encased in flexible tubing and spliced to existing 2 conductor aluminum shielded cable

Y. Install 6 ft. x 30 ft. quadruple loop detector (3-6-3 turns) encased in flexible tubing and splice to existing 2-conductor aluminum shielded cable.



PHASING NOTES:
1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

MOT LEGEND

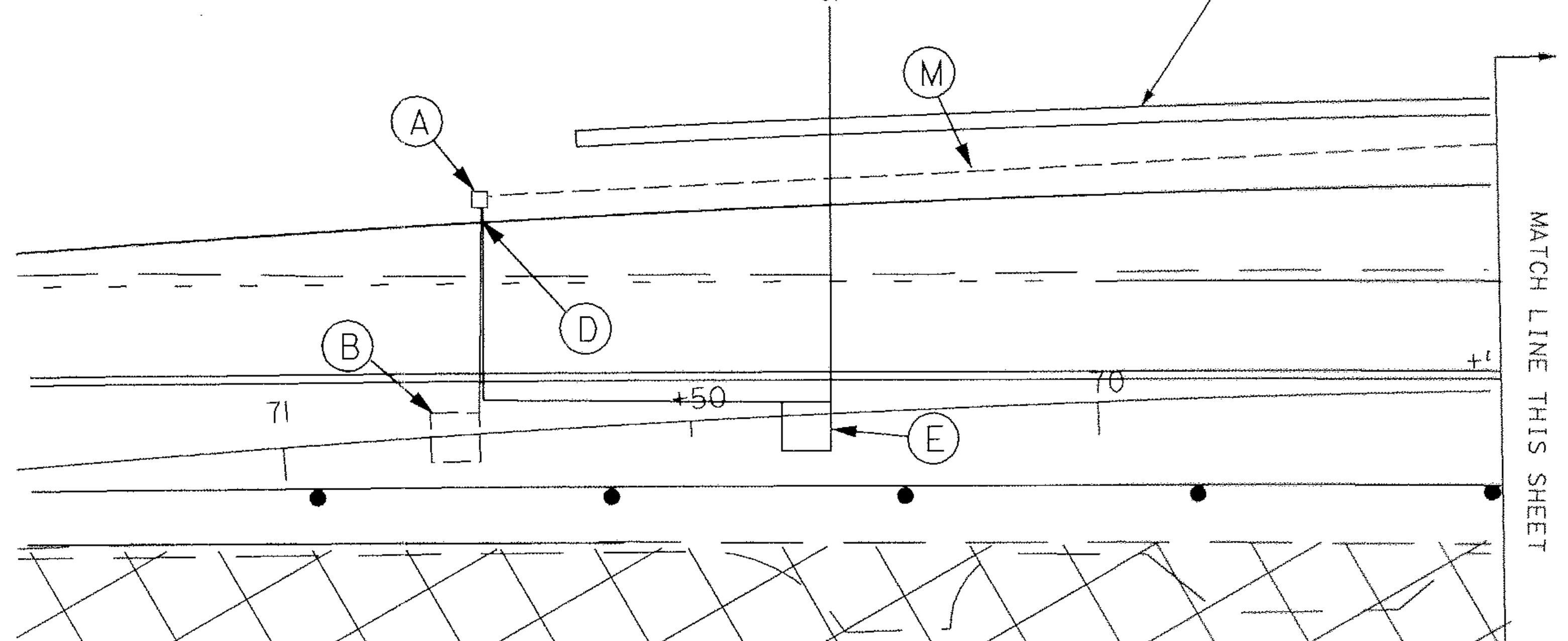
- TEMPORARY CONCRETE BARRIER
- CHANNELIZING DEVICES
- IMPACT ATTENUATOR
- BASE WIDENING
- TEMPORARY PAVEMENT

UTILITY LEGEND

- T — TELEPHONE CABLES
- G — GAS MAIN
- W — WATER MAIN
- S — SEWER MAIN
- E — ELECTRIC CABLES
- A — AERIAL CABLES
- BC — BURIED CABLE
- SD — STORM DRAIN

GEOMETRIC LEGEND

- EXISTING GEOMETRICS
- PROPOSED GEOMETRICS



GENERAL NOTES

1. PAVEMENT MARKINGS DETAILED ARE PROPOSED AND SHALL BE INSTALLED BY THE SIGNAL CONTRACTOR IN ACCORDANCE WITH SHA STANDARDS.
2. "D.O." INDICATES DELAY OUTPUT LOOP DETECTOR.
3. THE LOOP DETECTORS SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF THE PAVEMENT MARKINGS.
4. CONTRACTOR MUST VERIFY THE LOCATION OF ALL PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT.
5. ALL PROPOSED TRAFFIC SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE.
6. REFER TO MAINTENANCE OF TRAFFIC PLANS FOR ADDITIONAL DETAILS OF MAINTENANCE OF TRAFFIC.
7. CONTRACTOR SHOULD LEAVE 50 FT OF SLACK FOR ELECTRICAL WIRING OF SIGNAL HEADS.
8. REFER TO M.O.T. PLANS FOR ADDITIONAL ROADWAY PAVEMENT MARKINGS AND SIGNING.

SIG-14	TEMPORARY SIGNAL #7 PHASE III

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

REVISIONS

9 REDLINE NO. 9 DELETE THIS SHEET

DMP/DCI

APPROVALS

11/22/96 ASST. DIV. CHIEF, SIGNAL DESIGN SECTION

12/9/96 ASST. DISTRICT ENGINEER, TRAFFIC

11/25/96 CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

12/4/96 DEPUTY CHIEF ENGINEER, OFFICE OF TRAFFIC

DCI CONSULTING ENGINEERS COLUMBIA, MARYLAND

ORIGINAL DRAWN BY	R CICCHINI / J ALLEN	MD 108 AT TEMP MD 104	
DES. BY	S CHERNACK / D PETERS		
CHK. BY	Bruce Thompson 11-7-96	LOG MILE NO.	COUNTY: HOWARD
DATE: 10/96	F.A.P. NO. SEE TITLE SHEET	TS/FILE NO. 3611	SHEET NO. 425 OF
SCALE: 1"=20'	S.H.A. NO. HO-661-502-770		

FILENAME:F:\PROJECTS\B10002\DGN\SIGNAL\SS02M100.DGN